

TIGHTLINE ARB RISER KNEE ASCENDER

Instruction Manual

Manufacturer: Tightline Arb

Intended Use: Arboricultural Rope Access (SRT)

1. IMPORTANT SAFETY INFORMATION

Activities involving the use of this equipment are inherently dangerous. This product must only be used by competent and trained persons. Always read and understand these instructions before use. Failure to follow warnings may result in serious injury or death. Use only with compatible rope meeting required EN Standards.

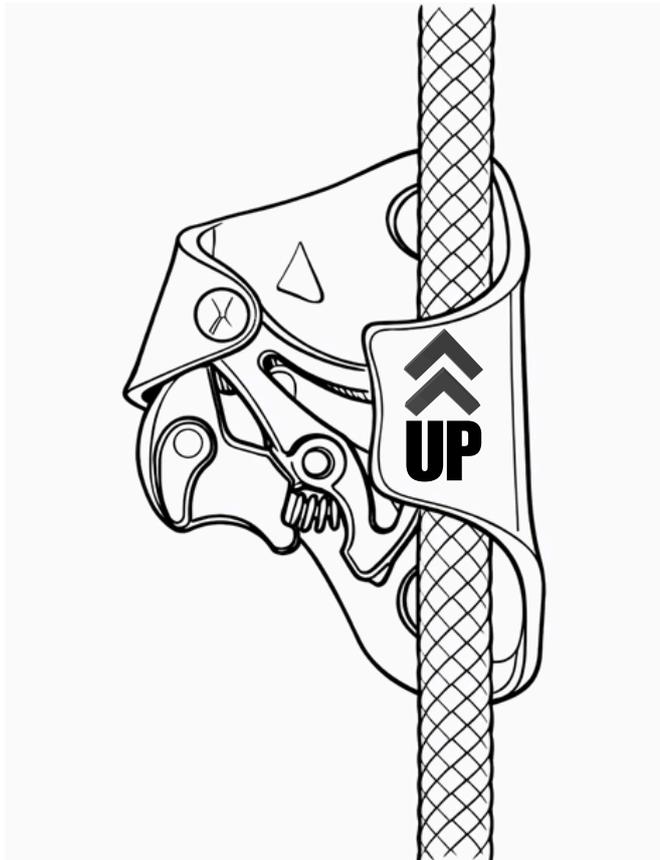
2. PRODUCT DESCRIPTION

The Tightline Arb Knee Ascender is a rope access device designed to assist upward movement on a stationary rope system (SRT). It consists of a mechanical rope cam, upper attachment loop, adjustable elasticated tether, and lower boot attachment and should not be included in any life saving PPE Scenarios.

- Compatible Rope Diameter: 8mm – 13mm (EN1891 Type A recommended)
- Weight: Approx. 150g
- Materials: Aluminium alloy body, stainless steel cam, polyester webbing
- Intended Use: Tree climbing and professional arboriculture only

3. INSTALLATION & ADJUSTMENT

- Attach the upper tether to a compatible chest harness or shoulder strap.
- Secure the lower attachment to the climbing boot using the supplied webbing loop.
- Install the device onto the rope ensuring correct cam orientation.
- Check free upward movement and positive engagement when weighted.



4. USE INSTRUCTIONS

- Ensure all components are correctly fitted and inspected before ascent.
- Advance the knee ascender upward during each climbing motion.
- Maintain proper body positioning to avoid side loading.
- Never use as a fall arrest device.
- Always use in conjunction with a primary ascender and approved life-support system.

5. INSPECTION & MAINTENANCE

- Inspect before and after each use.
- Check cam teeth for wear or contamination.
- Inspect webbing for cuts, abrasion, or UV damage.
- Clean using mild soap and water only.
- Store in a dry, cool environment away from chemicals and sunlight.

6. LIFESPAN & DISPOSAL

The maximum lifespan of textile components is 5 years from first use, depending on usage and storage conditions. Metal components should be retired immediately if deformation, cracks, or corrosion are present. Dispose of retired equipment responsibly to prevent reuse.

7. MANUFACTURERS DECLARATION

The Manufacturer Tightline Arb UK Ltd has deemed the RISER KNEE ASCENDER as **NOT FOR PPE USE** due to the nature of its usage described use as a rope ascension aid